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**To:**

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U.S. Patent and Trademark Office M/S Amendment	(703) 872-9306	

**FROM:** Robert E. Scheid (Reg. No. 42,126)**DATE:** December 7, 2004

Number of pages with cover page:	14
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Preparer of this slip has confirmed that facsimile number given is correct: 2451/jxh3

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**Contents of this Transmission:**

Inventor: David M. LEWIS et al.		Atty Docket No.: 306812002601
Application No.: 10/623,709	Filing Date: July 21, 2003	
Group Art Unit: 2819	Examiner: D. P. Le	
Title: ROUTING ARCHITECTURE FOR A PROGRAMMABLE LOGIC DEVICE		
Documents Filed:		
Transmittal (1 page)		
Fee Transmittal w/duplicate copy for fee processing (2 pages)		
Petition For Extension of Time - 2 months (1 page)		
Amendment (9 pages)		
Facsimile Return Receipt Cover Sheet		
Sender's Initials:	RES4/jxh3	Date December 7, 2004

sf-1831649

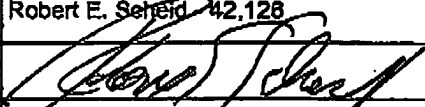
PTO/SB/21 (08-03)

Approved for use through 07/31/2008. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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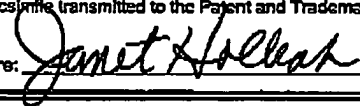
<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/623,709	
	Filing Date	July 21, 2003	
	First Named Inventor	David LEWIS	
	Art Unit	2819	
	Examiner Name	D. P. Le	
Total Number of Pages In This Submission	13	Attorney Docket Number	306812002601

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form w/duplicate copy for fee processing (2 pages) <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (9 pages) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request (1 page) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Facsimile Return Receipt Cover Sheet
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	MORRISON & FOERSTER LLP (Customer No. 20872) Robert E. Scheid 42,128
Signature	
Date	December 7, 2004

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9308, on the date shown below.

Dated: December 7, 2004

Signature:  (Janet Hollrah)

ef-1742210

PTO/SB/17 (10-04v2)

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**FEE TRANSMITTAL  
for FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 520.00**Complete if Known**

Application Number	10/823,709
Filing Date	July 21, 2003
First Named Inventor	David LEWIS
Examiner Name	D. P. Le
Art Unit	2819
Attorney Docket No.	308812002601

**METHOD OF PAYMENT (check all that apply)**
☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:

Deposit Account Number

03-1952

Deposit Account Name

Morrison &amp; Foerster LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	780	2001	385	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	780	2004	385	Reissue filing fee	
1005	180	2005	80	Provisional filing fee	

**SUBTOTAL (1) (\$)** 0.00**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

			Extra Claims		Fee from below		Fee Paid
Total Claims	25	-20 =	5	x	18	=	90.00
Independent Claims	2	-3 =	0	x	88	=	0.00
Multiple Dependent					300	=	0.00

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	88	2201	44	Independent claims in excess of 3
1203	300	2203	150	Multiple dependent claims, if not paid
1204	88	2204	44	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$)** 90.00

\*\*or number previously paid, if greater. For Reissues, see above.

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1063	130	1063	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	820*	1804	820*	Requesting publication of AIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of AIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	430.00
1253	880	2253	480	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	480	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(a)	
1906	180	1906	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	780	3809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	800	1802	800	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)** 430.00**SUBMITTED BY**

Name (Print/Type) Robert E. Scheid

Registration No. 42,126

(Complete if applicable)

Telephone (415) 288-6369

Signature

Date

December 7, 2004

sf-1831641

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Dated: December 7, 2004

Signature:

*Janet Hellrah*  
(Janet Hellrah)

Docket No.: 306812002601  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
David LEWIS et al.

Application No.: 10/623,709

Art Unit: 2819

Filed: July 21, 2003

Examiner: D. P. Le

For: ROUTING ARCHITECTURE FOR A  
PROGRAMMABLE LOGIC DEVICE

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is in response to the non-final Office Action dated July 7, 2004 (Paper No. 20040629), for which a response was due on October 7, 2004. Filed herewith is a Petition and fee for a two-month(s) extension of time, thereby extending the deadline for response to December 7, 2004. Accordingly, this response is timely filed. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 10 of this paper.

sf-1742236